

FIG. 1

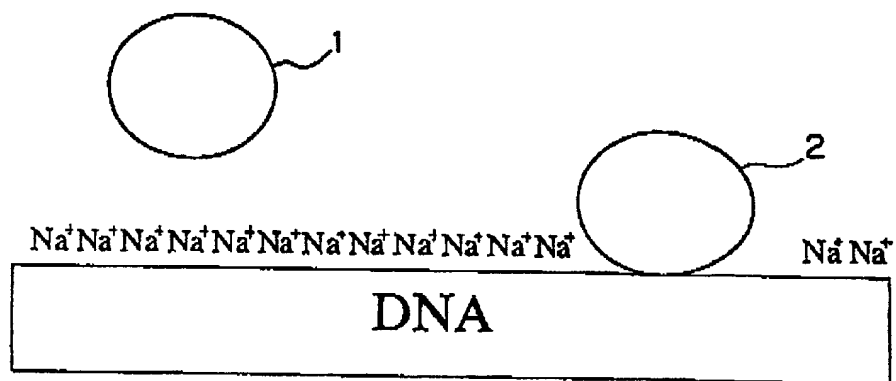


FIG. 2

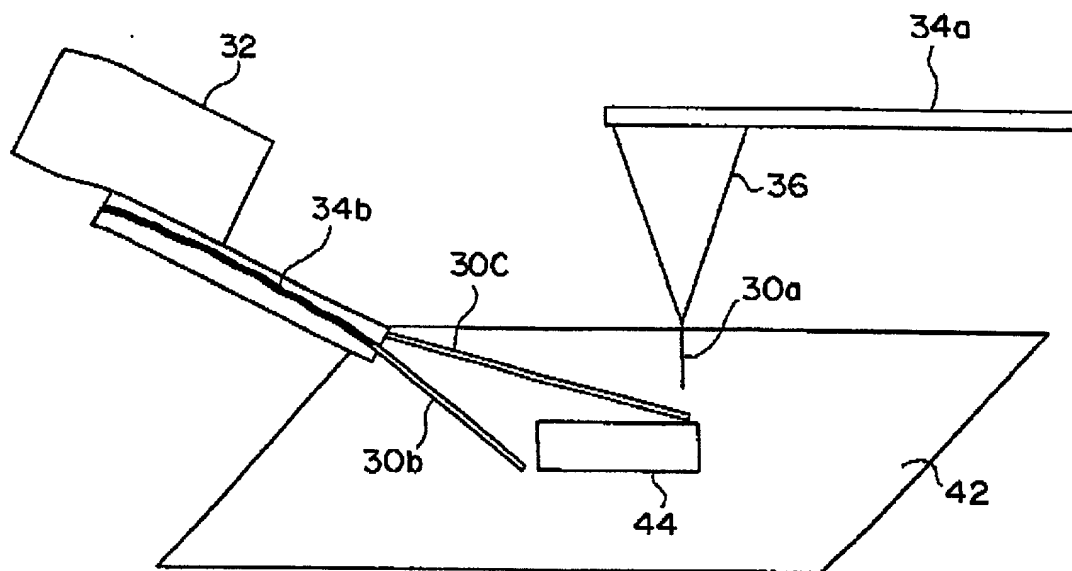


FIG. 2

FIG. 3

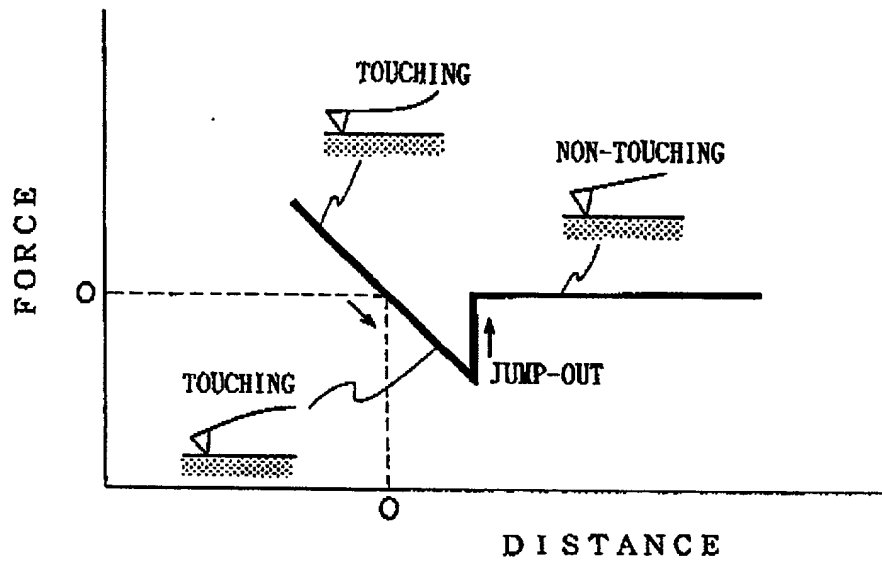
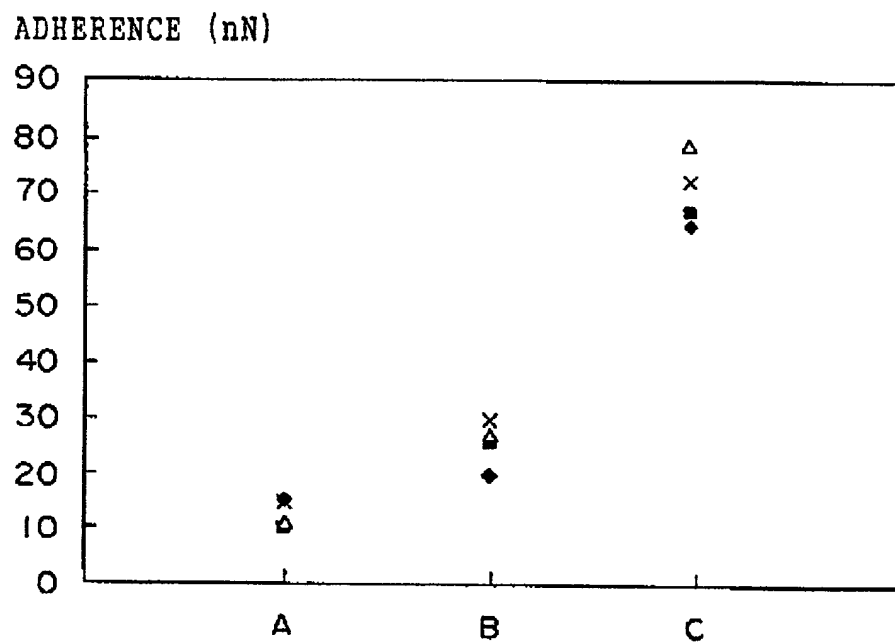
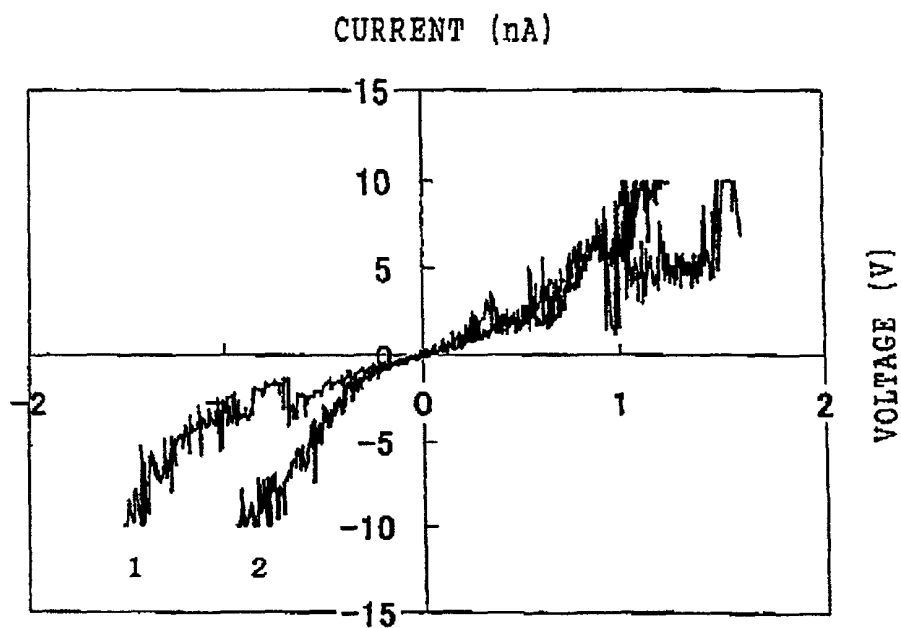


FIG. 4



A: PROBE IS Au
B: PROBE IS A NANOTUBE
C: PROBE IS A NANOTUBE (AFTER
APPLICATION OF VOLTAGE)

FIG. 5



ELECTRODE: NANOTUBE

SAMPLE: DNA

1: BEFORE A VOLTAGE OF 15V IS APPLIED

2: AFTER A VOLTAGE OF 15V IS APPLIED